

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Previously Presented) A method for preparing an $\text{Li}_{1+\alpha}\text{V}_3\text{O}_8$ compound, comprising preparing a precursor gel by reacting hydrogen peroxide with $\alpha\text{-V}_2\text{O}_5$ in aqueous medium, in the presence of a lithium precursor, and subjecting said gel to a heat treatment in an oxidizing atmosphere at a temperature of between 260°C and 580°C.
2. (Previously Presented) The method as claimed in claim 1, wherein the lithium precursor is selected from the group consisting of $\text{LiOH}\cdot\text{H}_2\text{O}$, LiCl , LiNO_3 and a lithium salt of a carboxylic acid.
3. (Previously Presented) The method as claimed in claim 2, wherein the lithium carboxylic acid salt is selected from the group consisting of lithium acetylacetonate, lithium acetate, lithium stearate, lithium formate and lithium oxalate.
4. (Previously Presented) The method as claimed in claim 1, wherein the lithium precursor is introduced in powder form into the reaction medium.
5. (Currently Amended) The method as claimed in claim 1, wherein the lithium precursor is introduced into the aqueous medium ~~solution~~ at the same time as the $\alpha\text{-V}_2\text{O}_5$.
6. (Currently Amended) The method as claimed in claim 1, wherein the lithium precursor is introduced into the aqueous reaction ~~medium~~ after the addition of $\alpha\text{-V}_2\text{O}_5$, before the precursor gel has finished ~~end-of~~ gelling.

7. (Previously Presented) The method as claimed in claim 1, wherein the duration of the heat treatment is between 10 minutes and 10 hours.

8. (Currently Amended) The method as claimed in claim 1, wherein the respective Li precursor and α -V₂O₅ quantities in the reaction medium are preferably such that:

- 0.16 mol/l < [Li] < 0.55 mol/l;
- 0.22 mol/l < [V₂O₅] < 0.75 mol/l; and
- 1.15 < [V₂O₅]/[Li] < 1.5.

9. (Previously Presented) The method as claimed in claim 1, wherein the hydrogen peroxide concentration in the reaction medium is between 10% and 50% by volume.

10. – 18. (Cancelled)